

## WHAT IS CLAIMED IS:

1. A recording medium cartridge defined as a magnetic tape cartridge, comprising:

a cartridge body;

a tape reel accommodated in said cartridge body and wound with a magnetic tape, said tape reel having upper and lower flanges; and

a non-contact type memory device disposed in a reel of at least one of the upper and lower flanges of said tape reel.

2. The recording medium cartridge according to claim 1, wherein said tape is reel a take-up hub wound with the magnetic tape, and

a position provided with said non-contact type memory device is a position that does not impede tape winding and interfere with a reel driving shaft inserted into said cartridge body from a recording/reproducing device when using said magnetic tape cartridge, and impedes neither a rotation of this reel driving shaft nor a rotation of said take-up hub in a configuration and a structure of said take-up hub.

3. The recording medium cartridge according to claim

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1, wherein said non-contact type memory device disposed in said tape reel is attached to a predetermined position within said tape reel by use of an adhesive agent, or fixed to a predetermined position by insert molding when molding parts.

4. A recording medium cartridge defined as a magnetic tape cartridge, comprising:

a cartridge body accommodating a magnetic tape; and  
a non-contact type memory device disposed on a surface facing to a tape winding surface of said cartridge body.

5. The recording medium cartridge according to claim 4, wherein said tape winding surface is a surface corresponding to an upper or lower surface of windings of the magnetic tape wound on said tape reel accommodated in said cartridge body, and

the surface facing to the tape winding surface of said cartridge body is an external surface of an upper or lower half of said cartridge body, and is a surface positioned above or under the tape winding surface.

6. The recording medium cartridge according to claim

4, wherein the position where said non-contact type memory device is disposed is a position, not interfering with respective portions provided or members fitted to said upper and lower halves, on the surface facing to the tape winding surface.

7. A recording medium cartridge defined as a magnetic tape cartridge, comprising:

a cartridge case, constructed of upper and lower halves, for accommodating a recording medium;

a slider, so fitted as to slide on a bottom surface of said lower half, for protecting an opening in the bottom surface of said lower half; and

a non-contact type memory device provided in a recessed portion formed in at least one of the bottom surface of said lower half and an upper surface of said slider.

8. A recording medium cartridge, comprising:

a case body constructed by joining an upper half and a lower half to each other;

a slider having engagement slide members provided at both side ends thereof and slidably inserted into slide grooves formed, extending in front and rear directions of

said case body, between right/left side walls of said upper half and right/left side walls of said lower half, and fitted along the bottom surface and the side surface of said lower half; and

a cartridge memory, provided in said slider, for recording information on said recording medium cartridge and information on data recorded on said recording medium.

9. The recording medium cartridge according to claim 8, wherein said cartridge memory is disposed on an internal surface of a recording medium turn preventive rib within said slider.

10. A recording medium cartridge comprising:  
a cartridge case for accommodating a recording medium including a transparent window that is visually recognizable; and

a cartridge memory, provided in said transparent window, for recording information on said recording medium cartridge and information on data recorded on said recording medium.

11. The recording medium cartridge according to claim 10, wherein said cartridge memory is formed on a

transparent support substrate.

12. The recording medium cartridge according to claim 10, wherein said cartridge memory is attached to a rear side of said transparent window.

13. The recording medium cartridge according to claim 10, wherein when attaching said cartridge memory, said cartridge memory is so fitted as to be set in a notch formed in a sheet positioning rib provided on said recording medium cartridge.

14. The recording medium cartridge according to claim 10, wherein a portion peripheral to a fitting position of said cartridge memory is recessed.

15. A recording medium cartridge, comprising:  
a case body constructed by joining an upper half and a lower half to each other;  
a slider having engagement slide members provided at both side ends thereof and slidably inserted into slide grooves formed, extending in front and rear directions of said case body, between right/left side walls of said upper half and right/left side walls of said lower half, and

fitted along a bottom surface and a side surface of said lower half; and

a cartridge memory, provided inside, for recording information on said recording medium cartridge and information on data recorded on said recording medium,

wherein a part of at least one of said upper and lower halves that corresponds to said cartridge memory, is notched.

16. The recording medium cartridge according to claim 15, wherein said cartridge memory is disposed in a position facing to a space between two pieces of windings of a magnetic tape defined as a recording medium, which are provided on a rear surface side of said upper and lower halves.

17. A recording medium cartridge defined as a magnetic tape cartridge, comprising:

a case body constructed by joining an upper half and a lower half to each other;

a slider having engagement slide members provided at both side ends thereof and slidably inserted into slide grooves formed, extending in front and rear directions of said case body, between right/left side walls of said upper

half and right/left side walls of said lower half, and fitted along a bottom surface and a side surface of said lower half; and

a cartridge memory, welded together when fitting other members, for recording information on said recording medium cartridge and information on data recorded on said recording medium.

18. The recording medium cartridge according to claim 17, wherein said cartridge memory is welded together when fitting detecting device for detecting whether or not there is said recording medium provided in said recording medium cartridge.

19. The recording medium cartridge according to claim 17, wherein a base of said recording medium detecting device presses said cartridge memory from above against said recording medium cartridge.

20. The recording medium cartridge according to claim 17, wherein a periphery of a portion fitted with said cartridge memory is recessed corresponding to a shape of said cartridge memory.

21. A recording medium cartridge comprising:  
a cartridge case for accommodating a recording  
medium; and  
a cartridge memory for recording information given  
when producing said recording medium cartridge.

22. The recording medium cartridge according to claim  
21, wherein said cartridge memory is attached to such a  
position as to be exposed when said recording medium  
cartridge is loaded into a recording/reproducing device.

23. The recording medium cartridge according to claim  
21, wherein said cartridge memory is attached to such a  
position as to be exposed when opening a cover member  
provided on said recording medium cartridge.

24. The recording medium cartridge according to claim  
23, wherein said cartridge memory is attached to a rear  
side of said cover member.

25. The recording medium cartridge according to claim  
21, wherein a portion peripheral to a fitting position of  
said cartridge memory is recessed.

26. The recording medium cartridge according to claim 21, wherein the information given when producing said recording medium cartridge contains at least a piece of information on a method of forming a magnetic recording layer configuring said recording medium.